

N^o 43115

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office JAN 16 1981Returned to applicant for correction MAR 27 1981

Corrected application filed

Map filed

The applicant Chevron U.S.A. Inc. c/o Chevron Resources CompanyP. O. Box 3722

Street and No. or P.O. Box No.

, of San Francisco

City or Town

California 94119

State and Zip Code No.

hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) A California Corporation as of

2-3-32 (prior to 12-31-76 known as Chevron Oil Company) is
qualified to do business in the State of Nevada.

1. The source of the proposed appropriation is underground
Name of stream, lake or other source.

2. The amount of water applied for is 10 (ten) second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet acre-feet

3. The water to be used for industrial
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation (state number of acres to be irrigated)

(b) Stockwater (state number and kinds of animals to be watered)

(c) Other use (describe fully under "No. 12. Remarks") industrial

(d) Power:

(1) Horsepower developed

(2) Point of return of water to stream

5. The water is to be diverted from its source at the following point: The Vulcan #2 is located
in SE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Sec. 17 T-31-N R-48-E M.D.B&M. It is located
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,
on a bearing of S36 $^{\circ}$ 16' 24"E 2670.54' from the NW corner of
it should be stated. Sec 17

6. Place of use Sec 8, 17, 18 & 19 in T-31-N R-48-E MD B&M
Describe by legal subdivision, if on unsurveyed land it should be so stated.

7. Use will begin about January 1 and end about December 31, of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Propose to recomplete existing well

Magma Power-Vulcan #2 for production of geothermal resource.

State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.

Install 7" casing to \pm 400' cement and install well head
equipment

9. Estimated cost of works \$200,00
10. Estimated time required to construct works One month
If well completed, describe works.
11. Estimated time required to complete the application to beneficial use Five years
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Proposed well for production of geothermal resource

Estimated annual consumptive use 1,182,600,000 gal/year

By s/J. G. Turner Attorney-in-Fact
Signature, applicant or agent.
Compared ha/ sq bc/bl P. O. Box 3722
San Francisco, CA 94119

APPROVAL
OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. If the well is flowing, a valve must be installed and maintained to prevent waste. Accurate measurements must be kept of water placed to beneficial use. The State retains the right to regulate the use of the water herein granted at any and all times.

The well is to be cemented from the production levels to the surface to protect fresh water zones.

This permit is further issued subject to the condition that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

This permit is further issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes only and fresh, cold water aquifers are not to be diverted.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 10.0 cubic feet per second, but not to exceed 5.0 acre-feet annually.

Actual construction work shall begin on or before N/A

Proof of commencement of work shall be filed before N/A

Work must be prosecuted with reasonable diligence and be completed on or before September 18, 1982

Proof of completion of work shall be filed before October 18, 1982

Application of water to beneficial use shall be made on or before September 18, 1984

Proof of the application of water to beneficial use shall be filed on or before October 18, 1984

Map in support of proof of beneficial use shall be filed on or before

Commencement of work filed NOV 7 1983
Completion of work filed
Proof of beneficial use filed
Cultural map filed
Certificate No. Issued

IN TESTIMONY WHEREOF, I PETER G. MORROS
State Engineer of Nevada, have hereunto set my hand and the seal of my office, this 18th day of SEPTEMBER

A.D. 19 81

State Engineer

SEE CORRECTED PERMIT